



MANUFACTURING SUMMIT

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8 June 2017

Manufacturing 4.0:

The Key Drivers Enabling Competitiveness and Societal Prosperity



VISION

Over the next decades, it is expected that the Manufacturing industry is going to take technological, environmental, economic, and social new challenges. Manufacturing 4.0 is the choice to embrace these changes and develop strategies to take advantage of the new opportunities. The fourth industrial revolution promises to reshape the way manufacturing is seen, to enable the prosperity of the society.

Manufacturing 4.0 will reduce labour costs through innovation and high-skills, allowing changing the offshore trend, and re-shoring the manufacturing activities. This new concept of Manufacturing will spread a local and inclusive industry, where new jobs and the economic stability can be achieved. The industries, together with the research centres and the educational institutes, shall be prepared to embrace this unmissable asset for the conservation of the world wellbeing.

Under this scenario, the establishment of the permanent institute, developing an annual Global Manufacturing Report will be the basis of the definition of the right path of manufacturing industries worldwide. The Global Manufacturing Report will be published with the support of policy experts, industry leaders of large and small to medium-sized enterprises, as well as academic leaders presenting the hot topics of the economic, social and technological challenges of the fourth industrial revolution that will impact the manufacturing in the future. The Manufacturing Summit 2017, organized by Politecnico di Milano, Confindustria Lombardia and Regione Lombardia, is the occasion to launch the WMF Foundation to the global industrial companies.

The Manufacturing Summit will be the stage where policy experts, industry leaders and academic leaders discuss the industrial challenges throughout the Industry 4.0 era. The speakers will present the opportunities of companies to take advantages from the coming digitisation and from the changes of the manufacturing of the future.

PROGRAM OVERVIEW

Thursday, 8 June 2017

08:30 - 09:25

Registration

09:25 - 09:30

Welcome to the Summit and Opening

09:30 - 10:15

“The Future of Manufacturing” - Vision and Plans of the three stakeholders:
Policy Makers, Academic and Industrial Leaders

Moderator: Andrea Cabrini, Director, CLASS Cnbc

- **Roberto Maroni**, President, Lombardy Region (Italy)
- **Alberto Ribolla**, President, Confindustria Lombardia
- **Marco Taisch**, Professor, Politecnico di Milano
- **Jürgen Tiedje**, Head of Advanced Manufacturing Systems and Biotechnologies, DG Research European Commission
- **Abraham Tijerina-Priego**, Chairman, IMS International

10:15 - 10:30

Keynote Speech: “The Challenge of a New Industrial Revolution”

- **Vincenzo Boccia**, President, Confindustria

10:30 - 11:00

Keynote Speech “Driving the Digital Enterprise for Discrete Industries”

- **Jan Mrosik**, CEO Digital Factory Division, Siemens AG

11:00 - 11:30

Coffee Break

11:30 - 13:00

PANEL: "ICT, Automation and Mechatronics work towards Industry 4.0"

Under the fourth industrial revolution, companies are asked to success different transformation pillars, such as building digital capabilities, enable collaborations in the ecosystem, managing data, managing cybersecurity, and others.

ICT, automation and mechatronics work towards the common goal of Industry 4.0, in which machines and robots are connected with computers able to control them autonomously with increasingly limited intervention on the part of operators.

The technological transformation often goes in parallel with the reshoring phenomenon: thanks to the fourth industrial revolution, the technological advancement will increase manufacturing productivity and increase competitiveness in manufacturing industries. This allows achieving high quality products with less cost and, in the meantime, the reshoring of companies allows achieving the market in shorter time.

To leverage the multiple opportunities in the society of Industry 4.0, companies need to embark on a digital transformation journey: a continuous, long-term effort is needed to successfully navigate the changing industrial environment of Industry 4.0.

Moderator: Andrea Cabrini, Director, CLASS Cnbc

- **Diego Andreis**, Managing Director, Fluid-o-Tech Group S.r.l.; President, CEEMET; President, Mechatronics Group - Assolombarda
- **Gerhard Dambach**, CEO, Robert Bosch S.p.A.
- **Mauro Fenzi**, CEO, Comau
- **Marco Gualtieri**, Founder & Chairman, Seeds&Chips
- **Max Lemke**, Head of Unit Complex Systems and Advanced Computing, DG Connect European Commission
- **Alfredo Ramponi**, CEO, Ramponi S.r.l.; President, Chemical and Plastic Group - Confartigianato Lombardia Territorial Association of Como
- **Manos Raptopoulos**, COO EMEA South Europe, Middle East and Africa, SAP
- **Stefano Venturi**, Corporate Vice President and Managing Director, Hewlett Packard Enterprise in Italy

13:00 - 14:00

Networking Lunch

14:00 - 15:45

SESSION: “Industry 4.0 presents the Evolution of Skills and Education”

Industry 4.0 recently has led to a radical transformation of the world where we live and work. The digitisation of industry will transform the industrial workforce through the adoption of new technologies. Thanks to these changes, more jobs will be gained and old jobs will be revamped, but workers will require and learn new skills and competences, with an impact on the societal prosperity. This session will explore how the fourth industrial revolution evolve job profiles, and what types of skills will be gained. Industries and educational institutes will discuss this new challenge in order to be competitive within the digital industry.

Moderator: Andrea Cabrini, Director, CLASS Cnbc

- **Antonio De Bellis**, Country Business Development Manager, ABB
- **Olivier Drean**, Senior Director Manufacturing, Dassault Systèmes
- **Nazzareno Mengoni**, Owner and General Director, Kubedesign
- **Andrea Pontremoli**, CEO, Dallara
- **Andrea Robbiani**, Country Manager Italy, Nebbiolo Technologies

15:45 - 16:15

Coffee Break

16:15 - 17:30

PANEL: “Industrial Needs: the Key Pillars of the Manufacturing Agenda”

The panel on manufacturing agenda will discuss the importance of highlighting the industrial policies on the national agenda. A strong industrial base is essential for a wealthy and economically successful Europe and World. It is vital to stimulate economic recovery, provide high-quality jobs and reinforce the global competitiveness and sustainable growth. To achieve this, a comprehensive vision is needed, focusing on investment and on innovation, especially for policies including trade, SMEs, energy and resource efficiency, education, competition and societal prosperity in favour of companies’ competitiveness. Policy makers and industry decision makers of different countries will discuss how manufacturing policies can be a key pillar of the industrial sector and of the world economy.

Moderator: Andrea Cabrini, Director, CLASS Cnbc

- **Stefano Firpo**, General Director, Italian Ministry of Economic Development
- **Sean R. Keith**, Supply Chain Integration Leader, General Electric Additive
- **Mauro Parolini**, Minister of Economic Development, Lombardy Region (Italy)
- **Agostino Santoni**, Managing Director, Cisco
- **Wolfgang Scheremet**, Director General, German Federal Ministry for Economic Affairs and Energy

17:30 - 17:35

Manufacturing Summit Wrap Up

17:35

Closing Cocktail

CHAIRMEN

Roberto Maroni, Regione Lombardia

Alberto Ribolla, Confindustria Lombardia

Marco Taisch, Politecnico di Milano

ORGANIZING COMMITTEE

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